Fields Institute Workshop Jordan Algebras and Related Fields (Sept. 21-24, 2005 at the University of Ottawa — Abstracts)

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Hermitian Jordan pairs and groups of outer type E₆

Questions about algebraic groups of type E_6 can be reformulated in the language of Jordan theory, specifically hermitian Jordan pairs. This allows one to bring to bear Jordan-theoretic techniques. We will describe a recent success of this approach, obtained as joint work with Holger Petersson.